FIG. 1

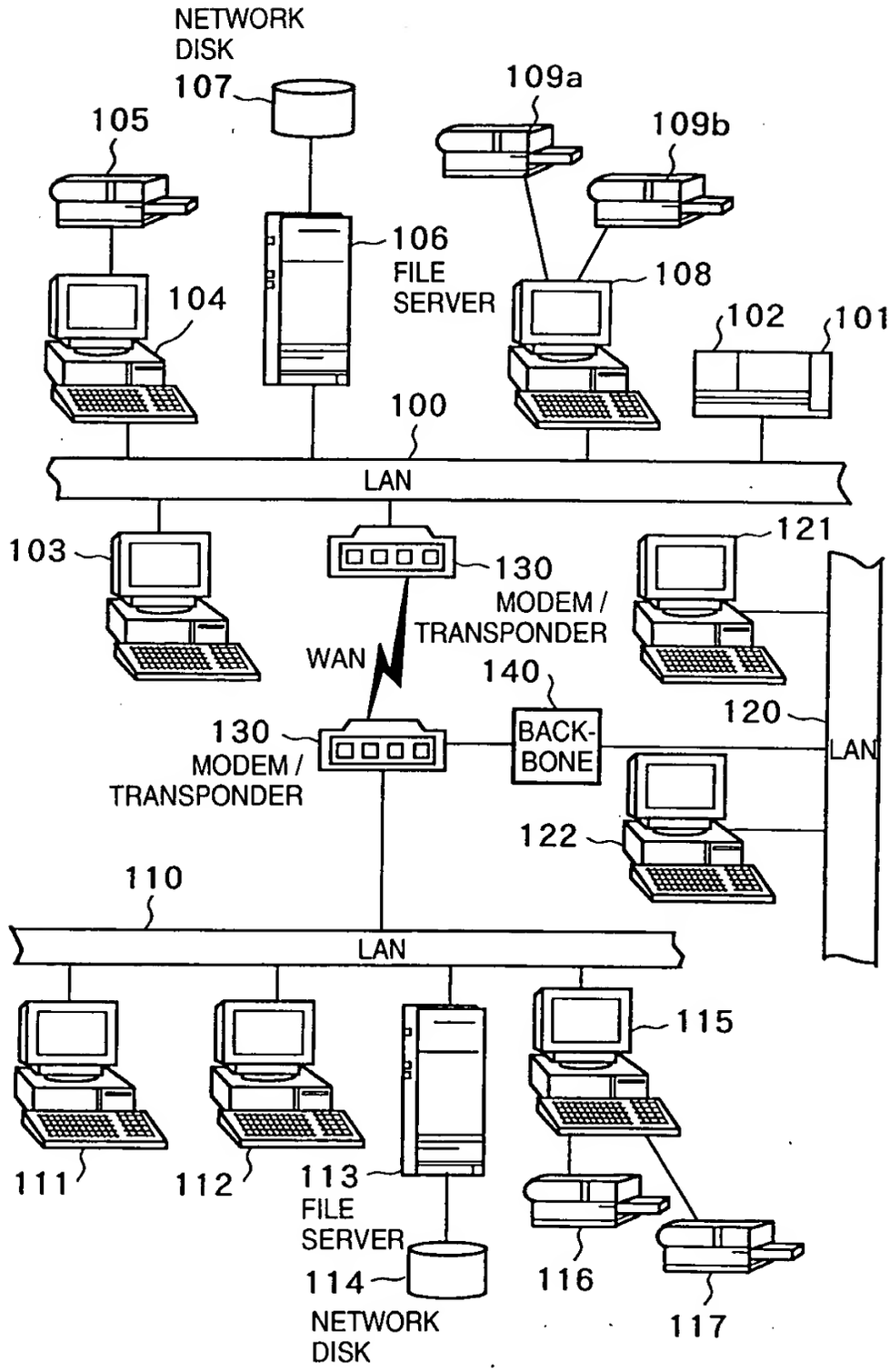

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FIG. 2

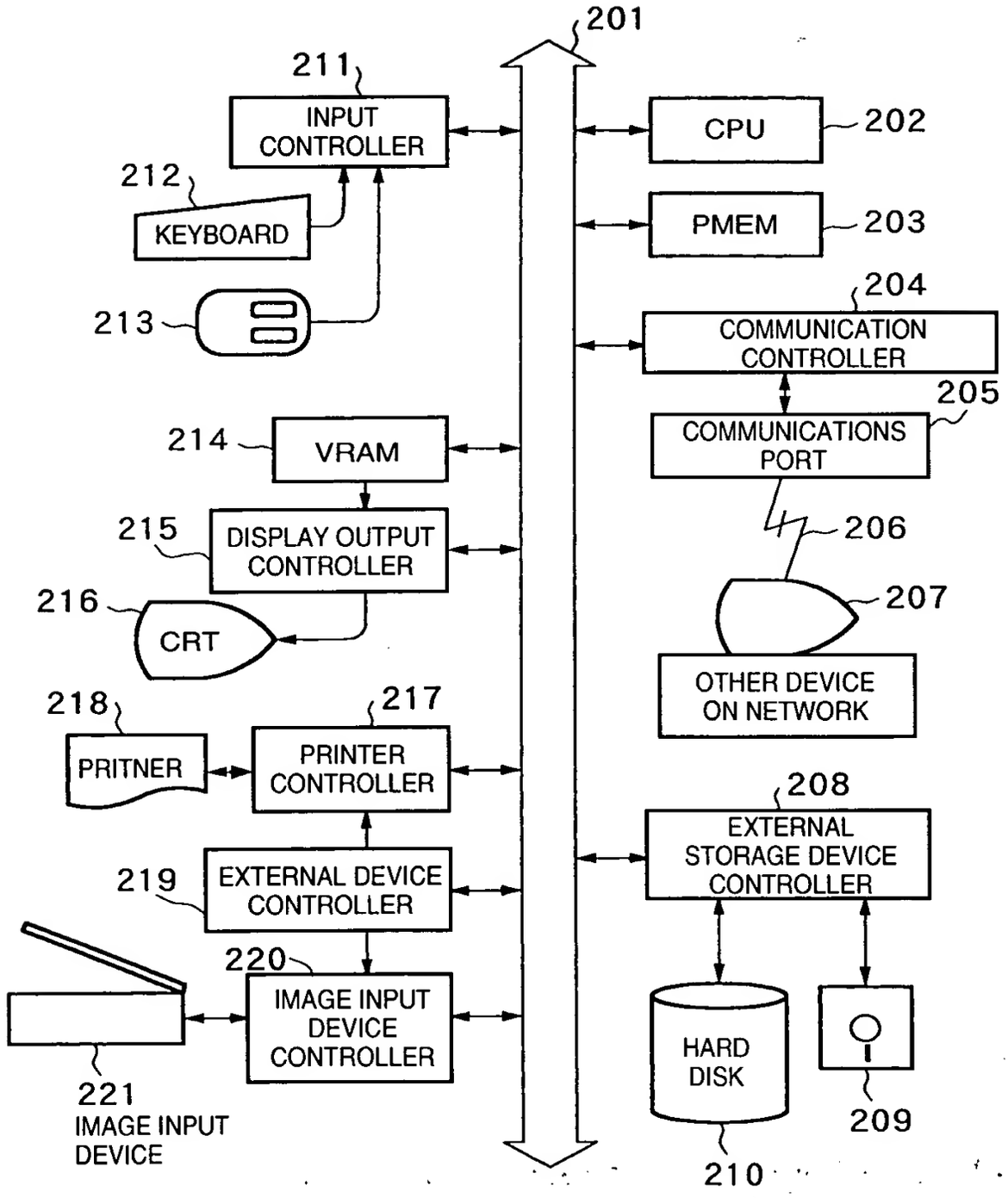
201
211
INPUT CONTROLLER
212
KEYBOARD
213
214
VRAM
215
DISPLAY OUTPUT CONTROLLER
216
CRT
218
PRITNER
217
PRINTER CONTROLLER
219
EXTERNAL DEVICE CONTROLLER
220
IMAGE INPUT DEVICE CONTROLLER
221
IMAGE INPUT DEVICE
CPU
202
PMEM
203
204
COMMUNICATION CONTROLLER
205
COMMUNICATIONS PORT
206
207
OTHER DEVICE ON NETWORK
208
EXTERNAL STORAGE DEVICE CONTROLLER
HARD DISK
210
209

FIG. 3

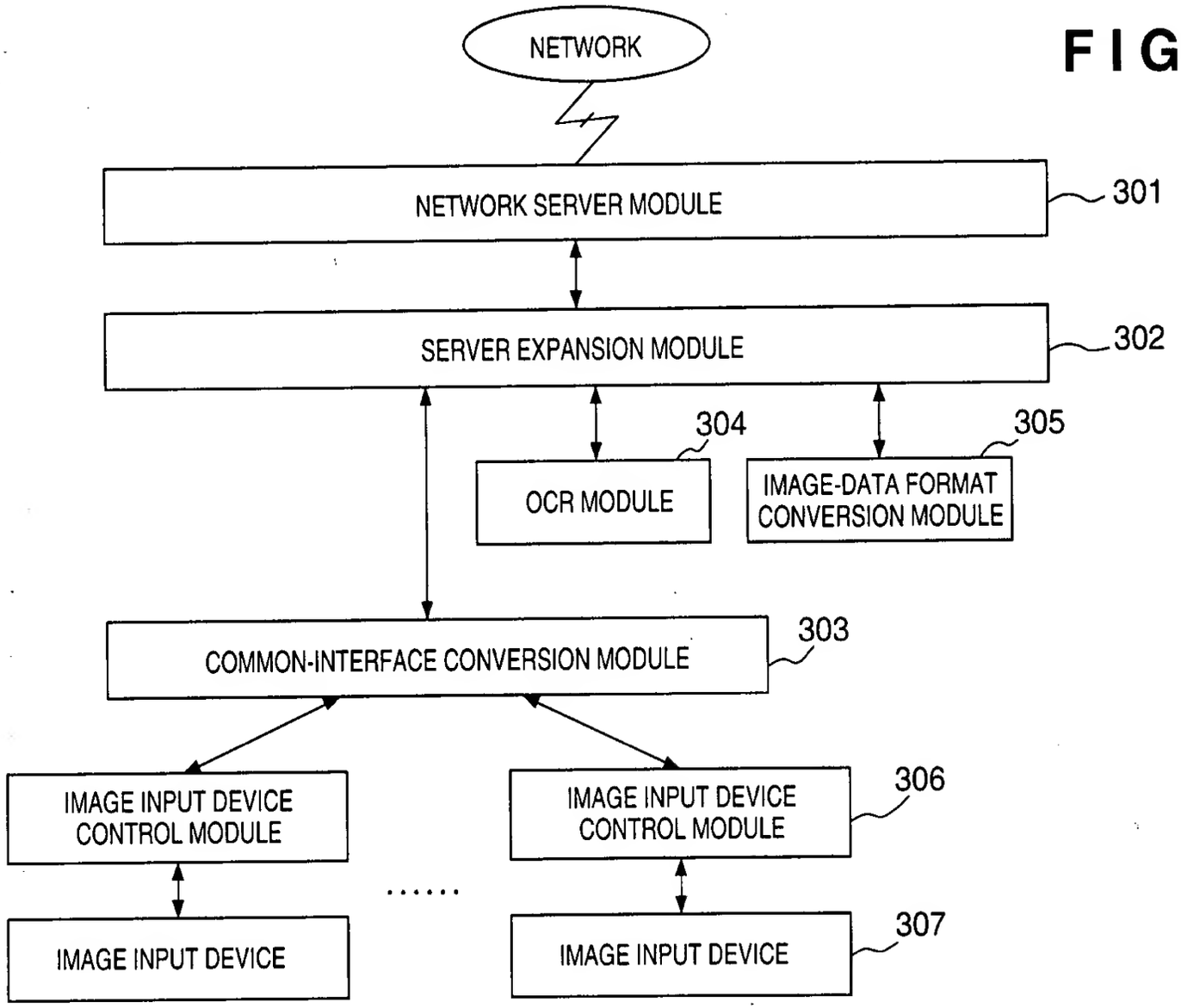
NETWORK
NETWORK SERVER MODULE
301
SERVER EXPANSION MODULE
302
304
305
OCR MODULE
IMAGE-DATA FORMAT CONVERSION MODULE
COMMON-INTERFACE CONVERSION MODULE
303
IMAGE INPUT DEVICE CONTROL MODULE
306
IMAGE INPUT DEVICE CONTROL MODULE
IMAGE INPUT DEVICE
307
IMAGE INPUT DEVICE

FIG. 4

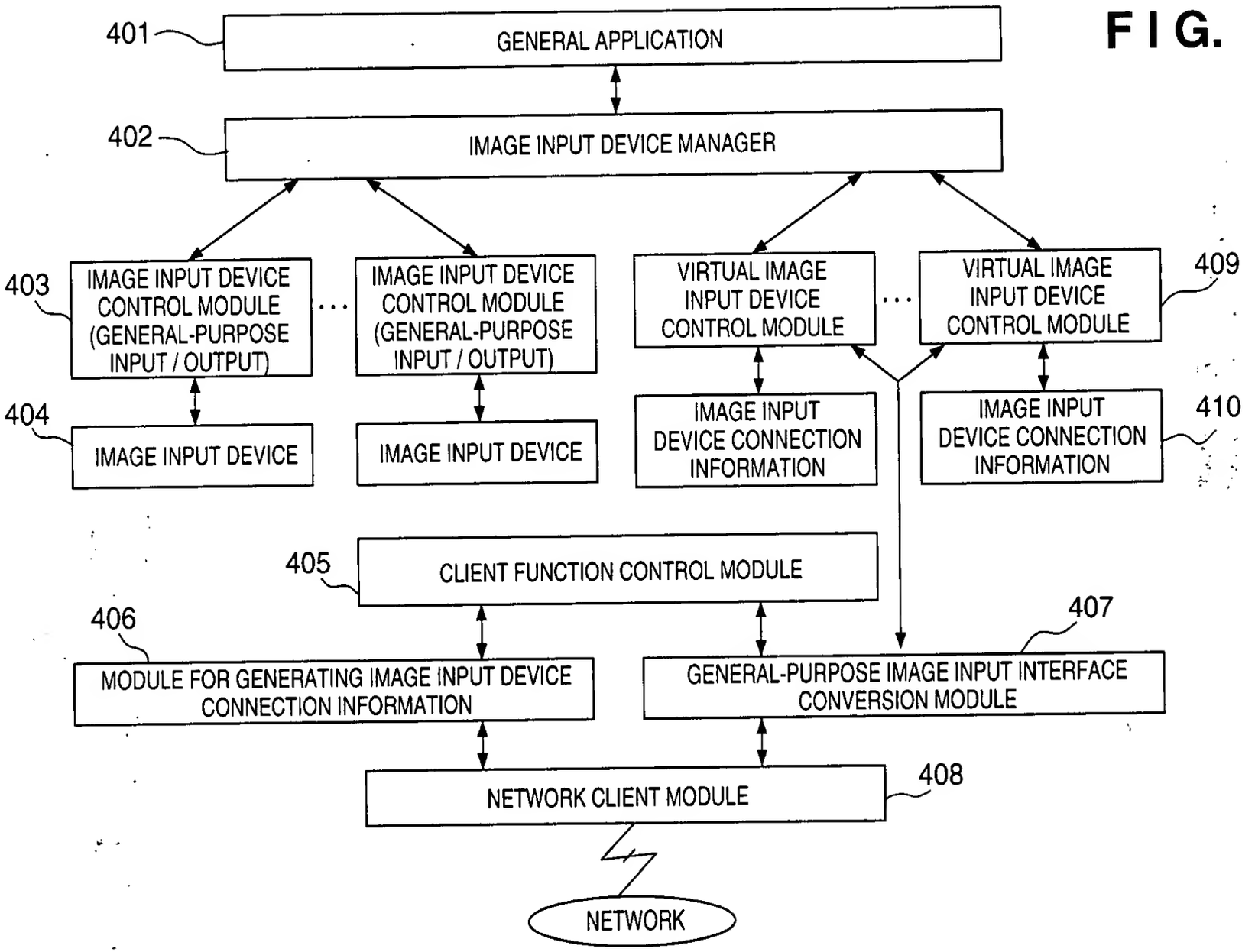
401
GENERAL APPLICATION
402
IMAGE INPUT DEVICE MANAGER
403
IMAGE INPUT DEVICE CONTROL MODULE (GENERAL-PURPOSE INPUT / OUTPUT)
IMAGE INPUT DEVICE CONTROL MODULE (GENERAL-PURPOSE INPUT / OUTPUT)
VIRTUAL IMAGE INPUT DEVICE CONTROL MODULE
VIRTUAL IMAGE INPUT DEVICE CONTROL MODULE
409
404
IMAGE INPUT DEVICE
IMAGE INPUT DEVICE
IMAGE INPUT DEVICE CONNECTION INFORMATION
IMAGE INPUT DEVICE CONNECTION INFORMATION
410
405
CLIENT FUNCTION CONTROL MODULE
406
407
MODULE FOR GENERATING IMAGE INPUT DEVICE CONNECTION INFORMATION
GENERAL-PURPOSE IMAGE INPUT INTERFACE CONVERSION MODULE
408
NETWORK CLIENT MODULE
NETWORK

FIG. 5

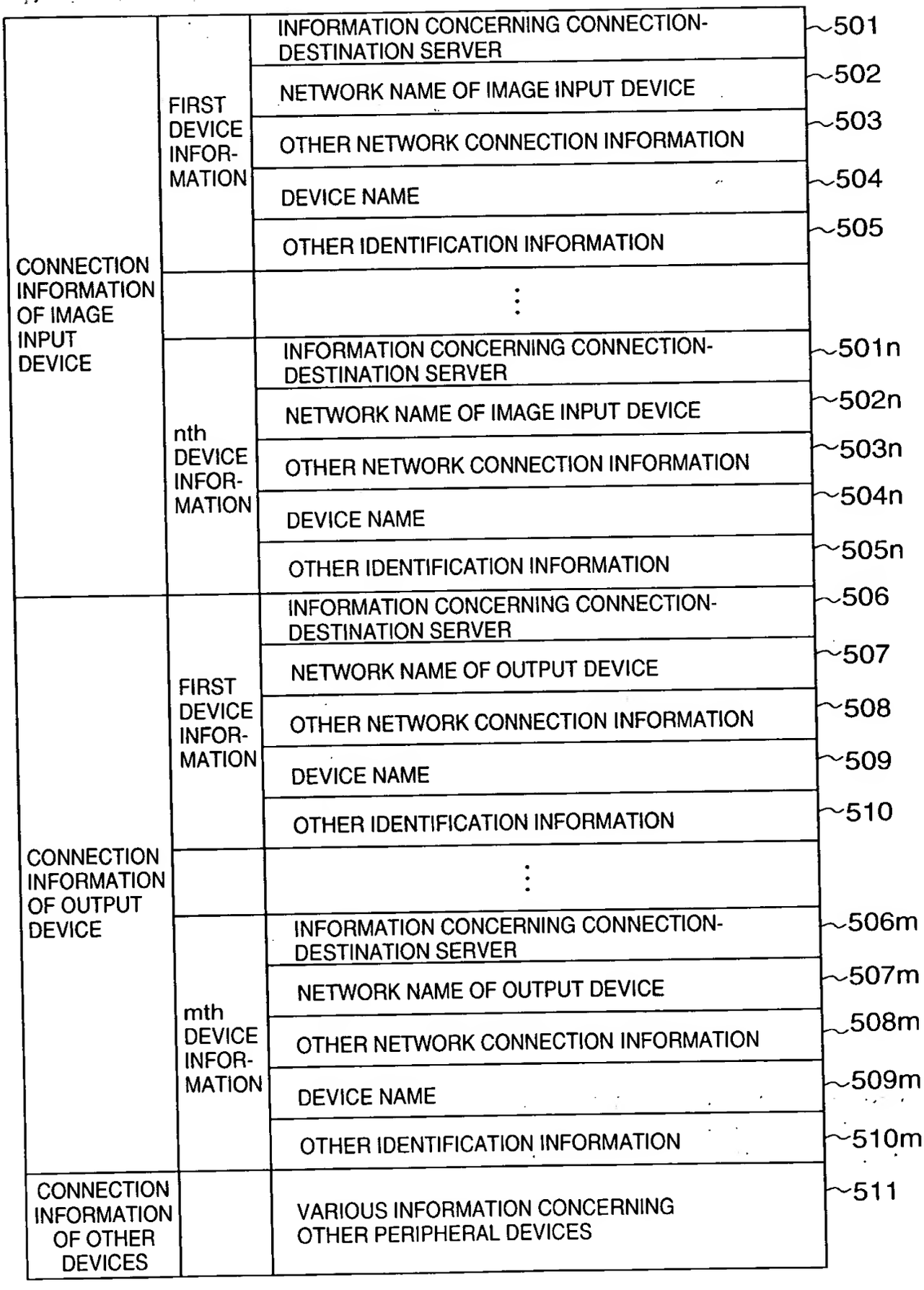

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FIG. 6

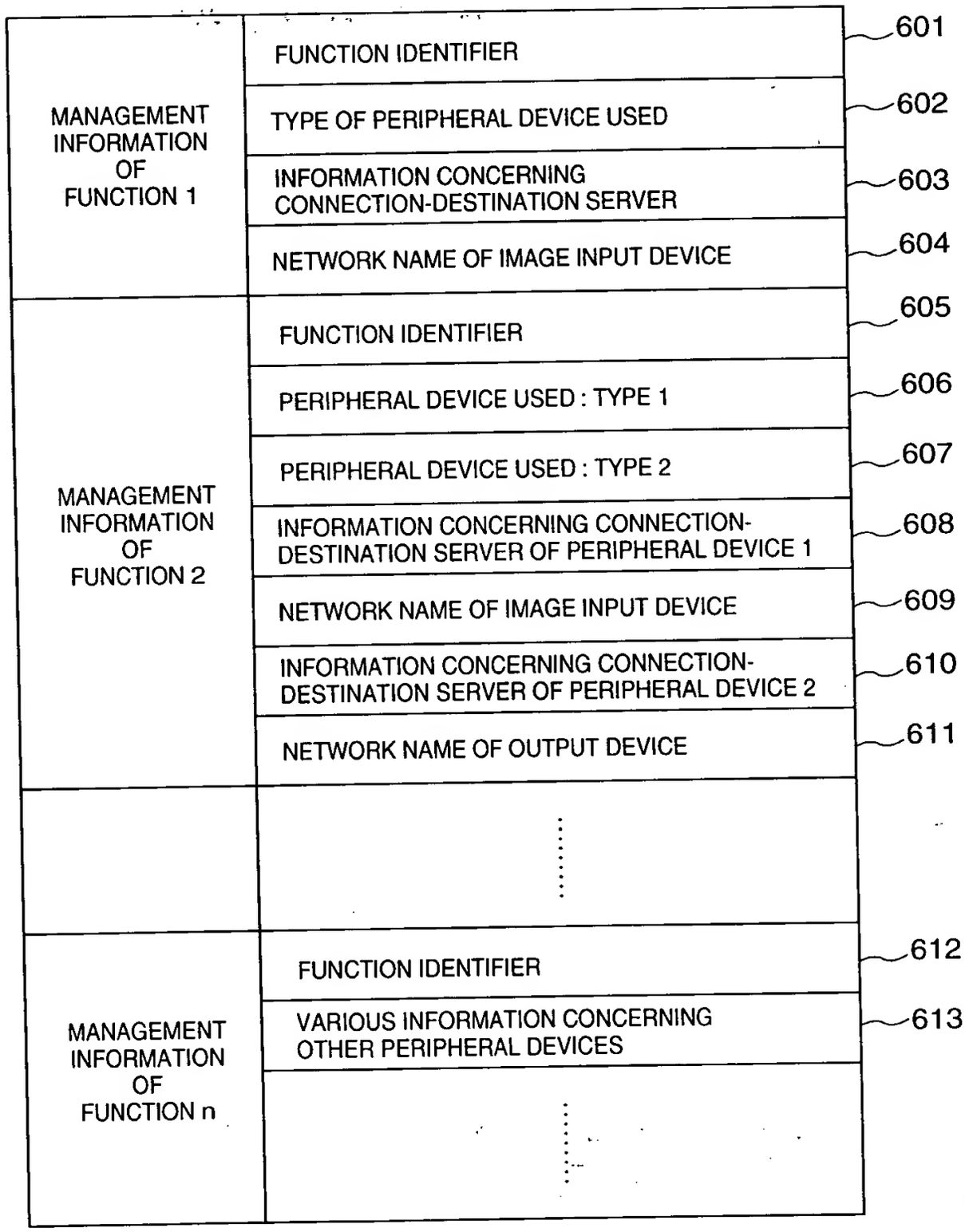
MANAGEMENT INFORMATION OF FUNCTION 1
FUNCTION IDENTIFIER
601
TYPE OF PERIPHERAL DEVICE USED
602
INFORMATION CONCERNING CONNECTION-DESTINATION SERVER
603
NETWORK NAME OF IMAGE INPUT DEVICE
604
MANAGEMENT INFORMATION OF FUNCTION 2
FUNCTION IDENTIFIER
605
PERIPHERAL DEVICE USED : TYPE 1
606
PERIPHERAL DEVICE USED : TYPE 2
607
INFORMATION CONCERNING CONNECTION-DESTINATION SERVER OF PERIPHERAL DEVICE 1
608
NETWORK NAME OF IMAGE INPUT DEVICE
609
INFORMATION CONCERNING CONNECTION-DESTINATION SERVER OF PERIPHERAL DEVICE 2
610
NETWORK NAME OF OUTPUT DEVICE
611
MANAGEMENT INFORMATION OF FUNCTION n
FUNCTION IDENTIFIER
612
VARIOUS INFORMATION CONCERNING OTHER PERIPHERAL DEVICES
613

FIG. 7

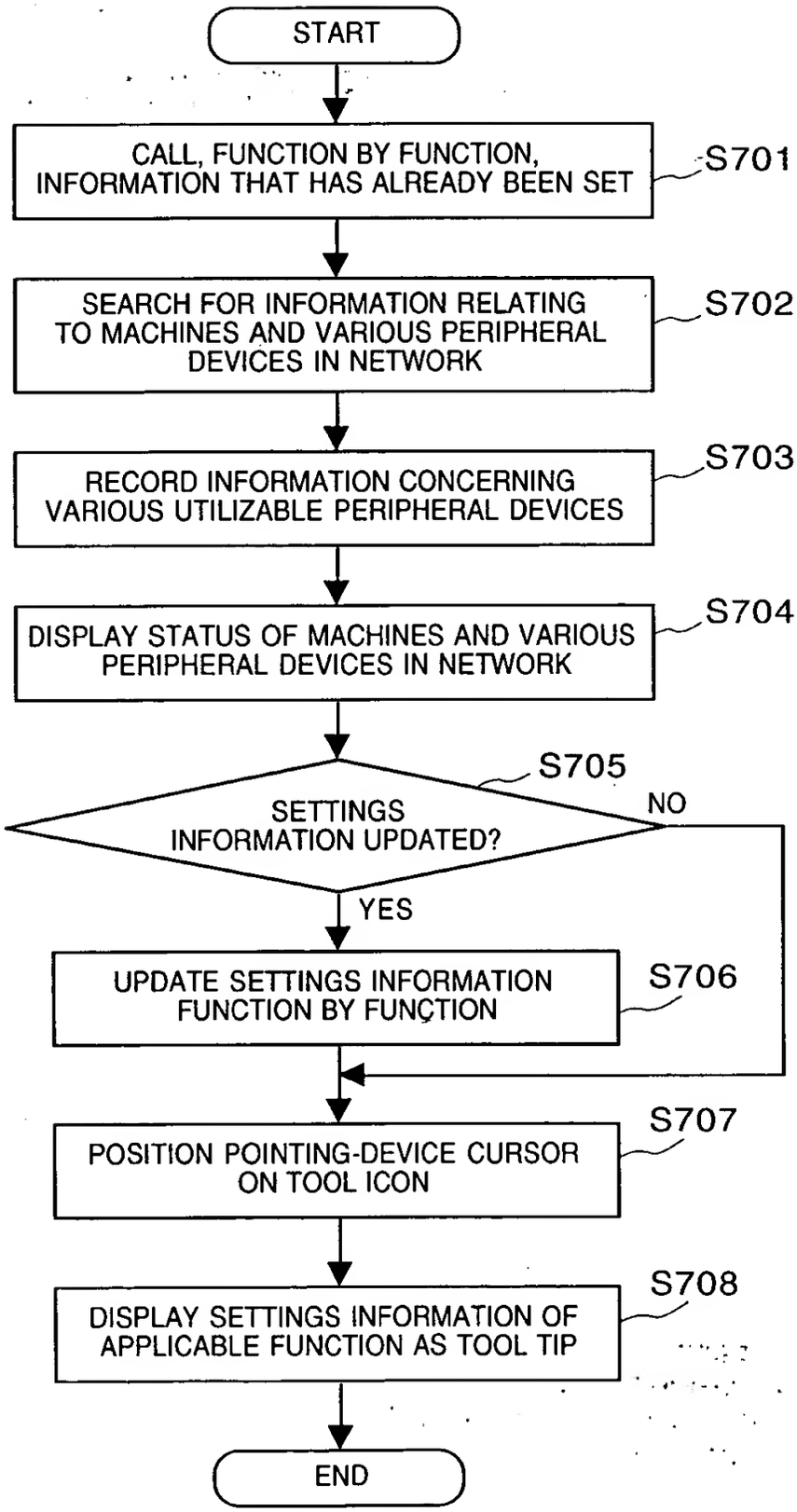

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FIG. 8

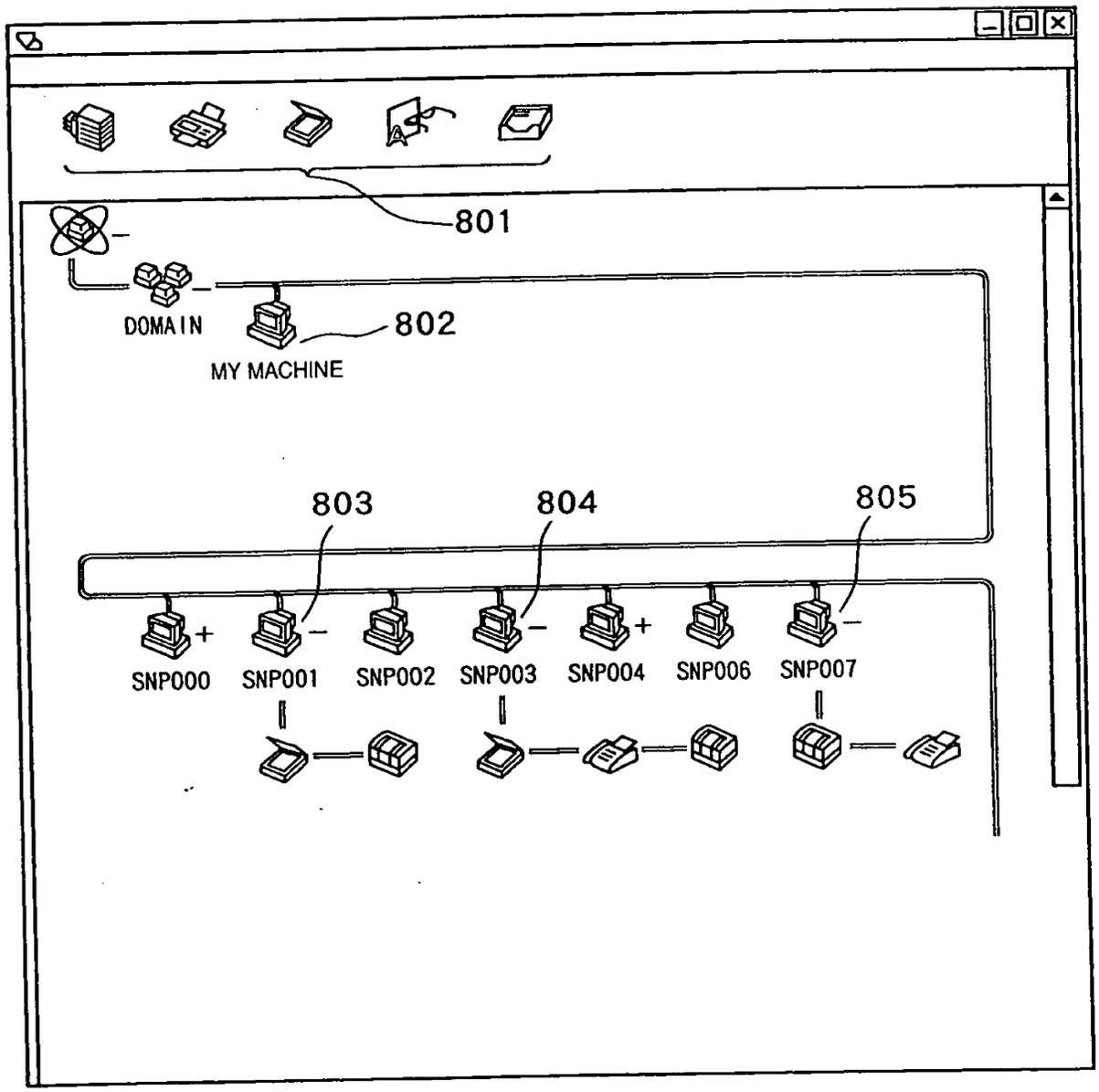

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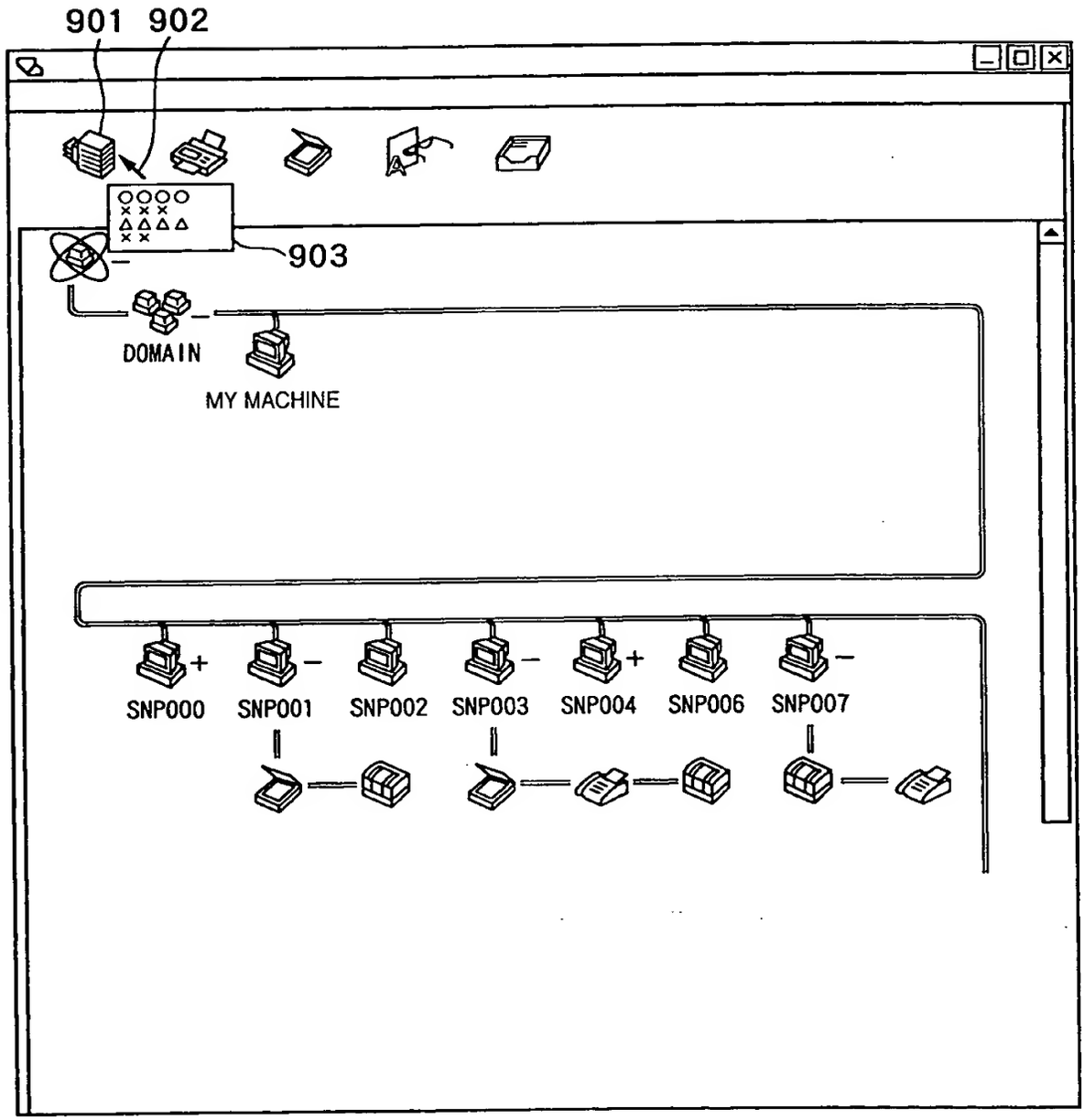
FIG. 9



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